Algebra II Review Sheet

The best problems to study are from your old tests. Cover up your work and redo the problems. Titles of the tests I looked at to make the semester test:

Test, Ch 2 **LT 2.1-2.4**

Algebra II Test, Absolute Value and Systems of Equations **LT 3.1-3.3**

Algebra II, Chapter 4 (Test 1) **LT 4.1, 4.2**

Algebra II Test, Ch 4 continued **LT 4.3, 4.4**

Algebra II, Chapter 5 Test **LT 5.1-5.2**

Algebra II, Chapter 5 Test II **LT 5.3-5.4**

Algebra II Quiz, Ch 6 (You wrote this on paper in your notebooks)

Ch 2 **LT 2.1-2.4**

Slope, Graphing (including piecewise functions)

Equation of a line (slope-intercept, and point-slope)

Functions

Absolute Value graphs and Transformations

Extra review probs: pg 141 5, 11, 13, 17, 25, 26; pg 131 5

Ch 3 **LT 3.1-3.3**

Substitution

Elimination

Pg 223 7, 9

Ch 4 **LT 4.1-4.4**

KNOW THE VERTEX AND STANDARD FORM OF A QUADRATIC FUNCTION

Quadratic formula

Completing the square

Physics example

Complex numbers

Pg 318 5, 9, 29, 31, 33, 35, 38

Ch 5 **LT 5.1-5.4**

Exponent Rules

Operations with Polynomials

Synthetic Division

Real and Imaginary Zeros AND potential zeros

Pg 402 11, 19, 33, 35

6.1-6.4 **LT 5.4**

Write and evaluate fraction exponents

Function Operations

Pg 466 8, 11, 13, 16, 18, 20-26